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(71) Applicant: Becton, Dickinson and Company  
Franklin Lakes, New Jersey 07465 (US)

(72) Inventor: Caizza, Richard J.  
Barry Lakes 07422, New Jersey (US)

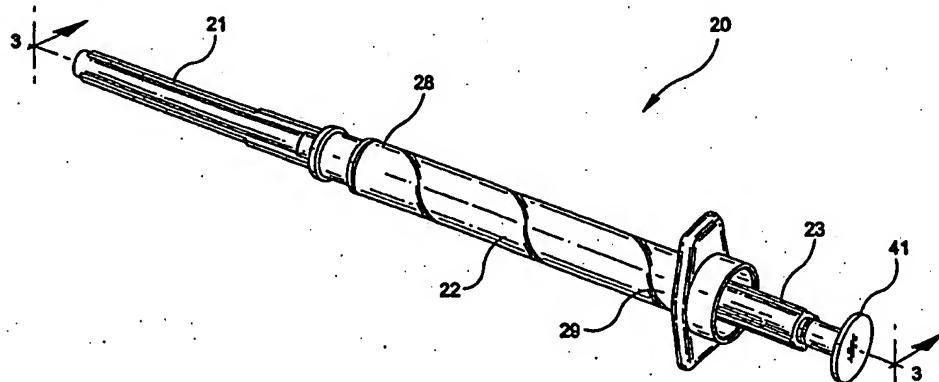
(74) Representative: Ruffles, Graham Keith  
MARKS & CLERK,  
57-60 Lincoln's Inn Fields  
London WC2A 3LS (GB)

### (54) Retracting needle syringe

(57) A retracting needle assembly for use with a syringe barrel having a cylindrical collar and a plunger having a release element with a sharp distal end includes an outer hub having a passageway therethrough and an inner hub having a proximal end, a distal end and a conduit therethrough. The proximal end of the inner hub has an inner portion and a dissociable outer portion connected to the inner portion. The dissociable outer portion is further connected to the outer hub. The distal end of the

inner hub is smaller than the passageway of the outer hub at the distal end of the outer hub and projects distally outwardly therefrom. A needle cannula having a distal end, a proximal end, and a lumen therethrough is connected to the inner hub so that the lumen is in fluid communication with the conduit. An energized spring is contained between the inner and outer hub. Structure is provided for connecting the outer hub to the collar of the syringe barrel.

FIG-1



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## EUROPEAN SEARCH REPORT

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<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
BERLIN	16 June 2003	Jameson, P	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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